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No. 7]

NEW DELHI, SATURDAY, FEBRUARY 17, 1968 (MAGHA 28, 1889)

इस भाग में भिन्न पृष्ठ चंडों की जाती है जिससे कि वह अलग चंडों के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों प्रीर विज्ञाइनों से सम्बन्धित प्रबिसूचनाएं प्रीर नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 17th February 1968

CORRIGENDA

(1)

In the Gazette of India of Part III Section 2 dated the 30th September 1967, in page 435, Column, 1, under the heading "Renewal fees paid".

For No. 84714, read No. 84712.

(2)

In the Gazette of India of Part III Section 2 dated the 20th January 1968, under the heading "Application for patent" after No. 113929 etc.:

read 113930. Arbinda Bhattacharya. Improvement in or relating to Universal spherical joint used in engineering and allied other industries

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

27th January 1968

114218. Smt. Bishnupriya Panda A multipurpose pedaling device.

114219. Smt. Bishnupriya Panda. Multipurpose low power cone bearing system.

114220. Smt. Bishnupriya Panda. A multipurpose double treadle system.

114221. Xerox Corporation. New pigments and electrophoretic imaging systems using the same.

114222. Palitex Project-Company G.m.b.H. Process for repairing yarn breakages in spindles and yarn joiner for carrying out said process.

114223. Sandoz Ltd. Anthraquinone dyes, their production and use

114224. Raytheon Company. Multiple semiconductor device. (31st October 1967).

114225. Raytheon Company. Air gap isolated semiconductor device. (22nd November 1967).

114226. Merck & Co., Inc. Derivatives of dibenzocycloheptenes and method of preparing them. [Divisional date 15th December 1965].

114227. A. F. Kagalwala. Improvements in or relating to transformers or like devices.

114228. M. K. Gopal and G. Chandramohan. Preserving eggs for a number of days and named as laxmy egg preserver.

114229. Scott Paper Company. Tufted composite fabric and method of manufacture thereof.

114230. Svenska Aktiebolaget Bromsregulator. Vehicle brake linkage slack-adjuster. 28th February 1967).

114231. Shell internationale Research Maatschappij N. V. Fuel composition with a depressed pour point. (15th March 1967).

114232. Ahmedabad Textile Industry's Research Association. Means and method to clean stub catcher gauges.

114233. Vereinigte Aluminium-Werke Aktiengesellschaft. A process for the continuous extraction of bauxite with sodium aluminate liquor in a digester tube. (10th November 1967).

114234. Gevaert-Agfa N. V. Web processing device. (8th February 1967).

114235. Rohm and Haas Company. Enrichment and/or separation of an organic compound by adsorption processes. [Addition to No. 104012].

114236. V. C. P. Bhargava. Animal driven irrigation pump.

114237. The Standard Batteries Limited. Improvements in or relating to a safety device for battery operated vehicles and the like.

114238. R. S. Govil. Improvements in or relating to multipurpose polish and method of manufacturing and using the same

114239. Aarcee Plastic & Metal Industries Private Ltd. A key operated telephone index holder for keeping the telephone numbers, addresses or the like reference in alphabetic order.

29th January 1968

114240. General Electric Company. Electric switch.

114241. General Electric Company. Safety Interlock for master controller.

114242. Oronzio De Nora Implant elettrochimici S. A. S. Inclined plane mercury cathode electrolysis cells.

114243. Artos Dr. Ing. Meier-Windhorst Kommanditgesellschaft. Process and equipment for the primary treatment of cellulose raw material.

114244. Ministerul Petrolului. Process for producing motor oils with improved characteristics.

114245. Hindustan Lever Limited. Freeze-drying mixtures of foodstuffs.

114246. Hindustan Lever Limited. Detergent manufacture.

114247. Hindustan Lever Limited. Liquid detergent compositions.

114248. K. P. Jain. Manufacture of soda ash (heavy or light) and soda bi carb (B.P. or refined quality) from 'Reh' (alkaline soil), 'Sajji' or 'Khar'.

114249. Jyoti Limited. Improvements in or relating to lantern rings.

114250. Jyoti Limited. Improvements in or relating to shaft sleeves.

114251. Jyoti Limited. Improvements in or relating to seal rings or impeller wearing rings.

114252. I. R. Kanal and Mrs. Maya Devi Kanal. Magneto-electric-cure (An ultra long wave physio-therapeutic apparatus).

114253. J. R. Geigy A. G. Process for the stabilization of organic material with metal derivatives of alkyl-hydroxyphenylalkylphosphinic acid.

114254. J. R. Geigy A. G. Process for the preparation of Phosphoryl compounds.

114255. Chas Pfizer & Co., Inc. Improved process for making 1, 4, 5, 6-tetrahydro-2-[(2-substituted) vinyl] pyrimidines and 2-[(2-substituted) vinyl]-2-imidazolines.

114256. International Flavors & Fragrances, Inc. Meat flavor compositions.

114257. Smith Kline & French Laboratories. Improvements in or relating to 1, 4-dihydro-4-(2-trifluoromethyl-phenyl) pyridines.

114258. M. & T. Chemicals Inc. Nickel plating.

114259. S. Jain, C. Srimal and K. R. Parekh. Tumblers.

114260. R. R. Juneja. Telescopic aerial. [Addition to No. 85274]

114261. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Stable compositions and process for the manufacture thereof.

114262. Farbwerke Hoechst Aktiengesellschaft, vormals Meister Lucius & Bruning. Process for the manufacture of vinyl acetate.

114263. Ciba Limited. Process for the manufacture of acyl-amino-compounds.

114264. Ciba Limited. Process for the manufacture of acyl-amino compounds.

114265. Maclellan Rubber Limited. Flexible seals.

114266. Gray Tool Company. Burst disk arrangement.

114267. The Dow Chemical Company. Sealing method.

114268. S V. Cravens. Material suspending air current differential density segregating apparatus.

114269. The British Petroleum Company Limited. Improvements in or relating to micro-organisms. (15th February 1967).

114270. N. V. Phillips' Gloeilampenfabrieken. 6, 7-methylene-9 β , 10 α -steroids and methods for the preparation thereof. (2nd February 1967).

114271. A Parthasarathy. A single phasing preventor for three phase electric supply lines, motors and appliances.

114272. K. Parthasarathy. An unbalance preventor for three phase balanced electric power lines and equipments operating on three phase balanced electric supply.

114273. K. Parthasarathy. An electric arc welding transformer.

114274. P. S. Lele and D. P. Lele. A machine for using it as a portable sewing machine, to be operated by hand for stitching hemming, darning and doing patterned needle work.

114275. K. Parthasarathy. A magnetically controlled wall-clock.

30th January 1968.

114276. Mrs. Nargis Sami Engineer. Improvements in or relating to portable refrigerator.

114277. Council of Scientific and Industrial Research. A process for the recovery and purification of naphthalene from impure grades of naphthalene including crude naphthalene oil.

114278. S. S. Bhatkal, N. S. Bhatkal, M. S. Bhatkal, R. S. Bhatkal and G. S. Bhatkal. Filter tipped beedis (manufacturers of filter tipped beedis).

114279. Newell Associates, Inc. Capstan construction and method of manufacture.

114280. Marchon Products Limited. Manufacture of phosphoric acid. (1st February 1967).

114281. The English Electric Company Limited. Rectifier apparatus. (3rd February 1967).

114282. Kureha Kagaku Kogyo Kabushiki Kaisha. Mercury separation in mercury process electrolytic apparatus. (27th December 1967).

114283. Imperial Chemical Industries Limited. New polymers. (31st January 1967).

114284. International Business Machines Corporation. Magnetic recording.

114285. Scot Paper Company. Tufted and flocked composite fabric and method of manufacture thereof.

114286. The English Electric Company Limited. Improvements in railway locomotives. [Divisional date 29th November 1966].

114287. Maschinenfabrik Buckau R. Wolf Aktiengesellschaft. Sugarcane roller mills.

114288. Veb Elektro-Apparate-Werke Berlin-Treptow. Device for the protection of indicators of recording type of measuring instruments especially of point recorders.

114289. N. V. Phillips Gloeilampenfabrieken. Method of applying a quantity of indium to the inner wall of a lamp bulb.

114290. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Foamed plastics from vinyl polymer dispersions and process for their manufacture.

114291. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Fluid-impervious bags made from stretched plastics films strips.

114292. Texuka Kosan Kabushiki-Kaisha. Refuse blocks for land reclamation and the like.

114293. Texuka Kosan Kabushiki-Kaisha. A device for refuse disposal by compression.

114294. Mobil Oil Corporation. Microorganism culture.

114295. Michelin & Cie (Compagnie Generale des Etablissements Michelin). Improvements to sustaining devices for inflatable cushions.

114296. Michelin & Cie (Compagnie Generale des Etablissements Michelin). Improvements to the skirts protecting sustaining cushions used especially in mines.

114297. The Battelle Development Corporation. Radial grate for shaft kilns.

114298. Ciba Limited. Manufacture of new thiophene derivatives.

31st January 1968

114299. Council of Scientific and Industrial Research. Improvements in or relating to Indian patent No. 76682 regarding a process for the recovery and purification of anthracene and recovery of carbazole, phenanthrene and allied chemicals from coal tar fractions as a concentrate.

114300. Dynamit Nobel Aktiengesellschaft. Improvements in or relating to laminated glasses.

114301. Nippon Tensai Seito Kabushiki Kaisha. and Kabushiki Kaisha Circle Tetsukojo. Seedling transplanting device.

114302. Combustion Engineering, Inc. Liquid gas contact apparatus.

114303. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of water-insoluble azodyestuffs having particularly good qualities for printing.

114304. N. A. L. Wikdahl. A method of removing in a continuous process gaseous and solid constituents from liquid fibre suspensions.

114305. Heinrich Benzing. Guard plate consisting of plastic material.

114306. Heinrich Benzing. Flat shaped industrial connecting part.

114307. The Dunlop Company Limited. Improvements in pallets.

114308. The Goodyear Tire & Rubber Company. Improvements in polymerization process.

114309. United States Steel Corporation. Starter bar for continuous metal casting apparatus.

114310. Argus Chemical Corporation. Method of lessening early discolouration of polyvinyl chloride resins when heated, and compositions therefor.

114311. Shell Internationale Research Maatschappij N. V. Process for preparing catalysts.

114312. Glynwed Screws & Fastenings Limited. Screws.

114313. C. A. V. Limited. Starting mechanism for internal combustion engines. [Divisional date 24th August 1966].

114314. Montecatini Edison S. p. A. and G. D. Varda. Improvement of the linings of electrolysis furnaces, remelting and other similar furnaces, containing molten metals, alone or together with molten salts.

114315. Estrela Batteries Limited. Improvements in or relating to primary electric dry cells. [Addition to No. 110053].

114316. Dr. Lakshmi Narain Mathur. Improvements in or relating to electric dental anaesthesia.

1st February 1968

114317. B. Garodia. Cut-off device. [Addition to No. 109258].

114318. L. Andrade. Improvements in or relating to files or the like devices for documents.

114319. Kobe Steel Ltd. Metal Extrusion press of turn-table type.

114320. Imperial Chemical Industries Limited. Catalytic treatment of shaped articles made from fibre-forming synthetic polymers. (9th February 1967).

114321. Amsted Industries Incorporated. High-velocity shearing machine.

114322. Fmc. Corporation. Method of making a solid dispersing and stabilizing agent.

114323. The Dunlop Company Limited. Improvements in conductor spacers for multi-conductor electrical overhead transmission lines. (22nd February 1967).

2nd February 1968

114324. Council of Scientific and Industrial Research. A process for the preparation of 1, 2, 3-triphenyl-propenes of use as antifertility agents.

114325. V. Ram. Improvement in or relating to expandingreaming bit for sedimentary soft caving formations.

114326. Uniroyal Englebert France. Apparatus for adjusting to longitudinally moving strip of material relative to a reference plane.

114327. Caterpillar Tractor Co. Articulated crawler tractor construction.

114328. Allmanna Svenska Elektriska Aktiebolaget. Control equipment.

114329. Uniroyal, Inc. Improvements in laminates of polyester textile materials and rubber.

114330. Needle Industries Limited. Improvements in and relating to articles comprising a moulded member attached to a base member and methods of making same.

114331. Borg-Warner Corporation. Audio-visual educational apparatus.

114332. Oldham & Son Limited. Improvements in recombination systems for sealed secondary batteries and batteries incorporating them. (19th December 1967).

114333. Oldham & Son Limited. Improvements in recombination systems for sealed batteries and batteries incorporating them. (19th December 1967).

114334. Siemens Aktiengesellschaft. Electrical temperature sensing members.

114335. Veb Niles Pressluftwerkzeuge. Compressed-air machine with sound-damping means. (29th September 1967).

114336. Steelsworth Pvt., Limited. Improvements in or relating to tractor drawn implement. [Addition to No. 91641].

114337. K. H. Moderacke. Improvements in or relating to welding.

Alteration of Date

110660. The claim to priority date 8th July 1966 has been disallowed and the application dated as of 15th May 1967, the date of filing in India.

110661. The claim to priority date 8th July 1966 has been disallowed and the application dated as of 15th May 1967, the date of filing in India.

114136. Ante-dated to 29th April 1966 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limit number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on applications to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

104827. Nordiska Maskinfilt Aktiebolaget. A device for dewatering wet material webs, e.g. a paper web. Accepted on 15th January 1968.

Characterised in one of the press roll is snugly fitted with a woven mat having interspaces openings to receive squeezed out water.

104894. Occidental Research & Engineering Limited. Phosphoric acid solution a process for its concentration and compositions comprising a product of the same. Accepted on 18th January 1968.

Characterised in solution divided into plurality of portions, one of which heated with gaseous combustion products, the remaining portions heated by said portion and recombined portions removed.

105016. Raduner & Co., A. G. Crease resistant cellulose material having improved abrasion resistance and process for producing such material. Accepted on 27th January 1968.

The fibrous material is treated with a compound capable of forming intermolecular bonds between cellulosic hydroxy groups together with a cross-linking agent, and treated superficially with an agent capable of deactivating the cross-linking catalyst and then the cross-linking agent is fixed fast to washing.

105031. P. R. Mallory & Co., Inc. Method of bonding materials having dissimilar electrically conducting properties and articles so bonded. Accepted on 27th January 1968.

Keeping the materials in close contact, heating same to make insulator material electrically conductive, and passing an electric current through the materials, from the electrically conductive material to the insulator material, to bend the materials together by a film formed in situ with the materials.

105034. Babcock & Wilcox Limited. Apparatus for, relieving the effect of prolonged stationary periods on a thrust bearing. (29th April 1965). Accepted on 27th January 1968.

Coupling adapted to receive an auxiliary drive means for rotating the shaft by small amounts.

105059. Council of Scientific and Industrial Research. A wick sleeve to improve the non-smoking illumination when burning oil in a cylindrical wick lamp. Accepted on 29th January 1968.

A perforated cylinder with the ratio of inner diameter of cylinder to outer diameter of wick-guide=1.4 to 1.8, ratio of diameter of perforations to inner diameter of cylinder=0.10 to 0.15, area of perforations is 15% of surface area of the cylinder and height of the cylinder above the top of the wick-guide is at least 10 mm.

105067. Eastman Kodak Company. Electrophotographic apparatus and process. Accepted on 29th January 1968.

Comprising a source of ions, means for directing a flow of ions towards the insulating surface and a conductive member interposed in the ion flow and between ion source and the insulating surface, the conductive member having an insulating coating, areas of which coating being photo-responsive to change the conductivity of the coating in areas exposed to light.

105069. Dr. Sikhibhusan Dutt. A process for the manufacture of transistor and diodes. Accepted on 29th January 1968.

Comprising a semiconductor element consisting of stone having a thickness of one crystal having first and second working surface, means for electrical contact, and reinforcing means.

105245. Bruce Peebles Industries Limited and H. E. C. Clapham. Improvements in or relating to electric motors. (12th May 1965). Accepted on 1st February 1968.

Comprising in that the motor submersed in a liquid, normal a.c. supply, a device, barring supply at a frequency substantially less than the normal frequency.

105274. Imperial Chemical Industries Limited. Process for the preparation of azo acylacetamides and dispersible compositions and pigments containing the same. (1st June 1965). Accepted on 31st January 1968.

Comprises coupling a diazonium compound derived from an aromatic amine with an acylacetamide.

105313. Tsentralny Nauchno-Issledovatelsky Institut Chernoi metallurgii imeni I. P. Bardina. Device for directing ingots in a secondary cooling zone in continuous casting installations. Accepted on 29th January 1968.

Characterized in that guides having the shape of bars are provided at the corners of the ingot being cast, and are imparted such a shape that would enable the ingot to contact with each of its corners the guides along two interperpendicular faces.

105394. Orucible Steel Company of America. A titanium-base alloy of the beta-type. Accepted on 27th January 1968.

Comprising in addition to titanium, 7 to 13% molybdenum, 1 to 20% tin, 1 to 20% zirconium, and 0 to 3.5% Fe, characterized by an Olsen cup test height of at least 0.250 inch, the alloy being prepared by a method comprising admixing particle of titanium sponge with particles of a master alloy of molybdenum with Zr and/or Fe, and compacting the admixture and then melting the compact to produce the alloy.

105413. Standard Oil Company. Hydrocracking process. Accepted on 31st January 1968.

Comprises in contacting the oil with a hydrocracking catalyst in the presence of a hydrogen affording gas.

105522. Maschinenfabrik Buckau R. Wolf Aktiengesellschaft. Improvements in or relating to a process for producing moulded shapes of plastic material and an apparatus therefor. Accepted on 30th January 1968.

Filling granulated plastic material into the moulding cavity of a moulding machine, heating by means of hot gas passed into ducts of the mould and fusing it together to a compact shape and vacuum being produced in the duct of the mould before cooling is started.

105523. Maschinenfabrik Buckau R. Wolf Aktiengesellschaft. Improvements in or relating to a process or producing moulded shapes of plastic material and an apparatus therefor. Accepted on 30th January 1968.

Filling granulated plastic material into the moulds of a moulding machine by means of compressed air, the granulated material being filled into a feed hopper preceding the moulds and succeeding the store tank and the air above and inside the file of granulated material being compressed and then suddenly made to expand.

105554. Universal Oil Products Company. Dirt trap for downflow reactors. Accepted on 30th January 1968.

Comprises a vertical casing, a closure member across the lower portion of said casing, and a grating means extending across the upper portion of the casing.

106109. The Firestone Tire & Rubber Company. Melt-blended polymeric compositions and method for the production of filaments, fiber and the like therefrom. Accepted on 11th January 1968.

Comprising of 60% by weight of fiber forming nylon or polyester of benzene dicarboxylic acid, up to 2% by weight of thermally stablized amide and the production of yarn, fiber filaments and the like.

106114. Council of Scientific and Industrial Research. Improvements in or relating to rust and scale removing jelly. Accepted on 31st January 1968.

Jelly composition comprising plant product like ground nut flour, a mineral acid like hydrochloric acid, and fungicide like naphthals with water.

106134. Farbwerte Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Emulsifying and dispersing agents. Accepted on 12th January 1968.

Comprises of at least one water-insoluble organic biocide or a concentrate thereof a solvent for the said biocide and an emulsifying and dispersing agent which comprises an electro-neutral salt of an organic acid.

106158. Dorr-Oliver Incorporated. Process and apparatus for the fluidized bed oxidation of spent liquors. Accepted on 15th January 1968.

Comprises introducing the spent liquors into a direct contact scrubber evaporator simultaneous with hot combustion gases removing entrained particulate solids from the combustion gases, thereafter subjecting the mixture to cyclonic separation and then continuously feeding the liquor into a fluidized bed to oxidize the solids present in the liquor to produce a dry pelletized product.

106267. Imperial Chemical Industries Limited. Apparatus for steaming fabrics. Accepted on 20th January 1968.

Comprising in combination a chamber with steam inlet means for maintaining inside said chamber a steam temperature above 120°C, and means for progressively advancing textile material into and through the chamber.

106299. J. R. Geigy. A. G. UV absorbent, light stable compounds and process for improving the stability of light-sensitive organic materials therewith. Accepted on 22nd January, 1968.

*1, 4-bis-(*P*-formyl-phenoxy)-butane, melonic acid diethyl ester, benzoic acid, piperidine and benzene are reacted.*

106310. Thoma Company. Device for the automatic emptying of the filter boxes of apparatus for cleaning double-sided textile machines, particularly spinning machines. Accepted on 24th January 1968.

Provided with a filtering screen, an emptying flap and a circular closure cover arranged over the air intake nozzle of the fan to close the same by lowering it.

106313. Oerlikon-Bührle Holding AG. Warp-tension equalization mechanism for travelling-wave shedding looms. Accepted on 24th January 1968.

Has a warp tension equalisation mechanism including spaced individual warp supporting and tensioning means and second means for equalising warp tension.

106328. Madan Mohan Dey and Madhu Sudan Dey. Improvements in or relating to miners portable gas testing safety lamps. Accepted on 25th January 1968.

A device consisting two parts, the upper part and lower part comprising device having upstanding flanges round the circumferences on the top face and circular hanging flanges on the bottom face.

106331. The Gas Council. Process and apparatus for performing chemical reactions in fluidised bed. (17th August 1965). Accepted on 25th January 1968.

Comprises maintaining bed of particles in fluidised state in a reaction vessel mixing two reactants with in fluidised bed.

106332. The Gas Council. Process and apparatus for performing chemical reactions in fluidised bed. (1st October 1965). [Addition to No. 106331]. Accepted on 25th January 1968.

Comprising maintaining bed of particles in fluidised state in a reaction vessel mixing reactants within fluidised bed.

106339. Stufer Chemical Company. Pesticidal compositions. Accepted on 25th January 1968.

Comprises compound like 0-ethyl-5-(2, 4, 5-trichlorophenoxy methyl)-ethyl phosphono dihalide as active ingredient in admixture with conventional adjuvants.

106367. Tecalemit (Engineering), Limited. Improvements in systems for apparatus for lubricating. (3rd August 1965). Accepted on 27th January 1968.

Comprising control system for electrical signal, lubricating means responsive to the electrical signal.

106379. Esso Research and Engineering Company. Iron ore reduction. Accepted on 27th January 1968.

Characterised by providing a initial preheat oxidation zone wherein the oxidic ore is introduced, fluidized and contacted with a burning fuel to oxidise sulfur, discharging the ore to the ferric reduction zone and removing sulfurdioxide.

106406. Imperial Chemical Industries Limited. Improvements in or relating to crimped yarn and its manufacture. (6th August 1965). Accepted on 29th January 1968.

Having in each of its filaments both a primary wave-like crimp and a secondary crimp characterised by a random, three-dimensional curvilinear configuration of low frequency and high amplitude.

106412. Dowty Mining Equipment Limited. Hydraulic devices for controlling the speed of wheeled vehicles. (30th July 1965). Accepted on 29th January 1968.

Comprises a cylinder, piston member, a pressure sensitive valve a position sensitive valve and a liquid filled telescopic strut.

106418. M. Gantert-Merz. Table garnish. Accepted on 29th January 1968.

Comprising a frame forming holder that includes a vertical leg enclosing the table top and a horizontal leg lying on the circumferential side of the table top and a flounce or furbelow detachably secured to the vertical leg.

106433. J. R. Geigy A. G. Process for the preparation of esters of hydroxy phenyl (lower) alkanoic acids. Accepted on 31st January 1968.

Which comprise allowing a lower, alkanol to react with at least the stoichiometric amount of a lower alkyl 3, 5-di-(lower) alkyl-4-hydroxy phenyl (lower) alkanoate necessary to esterify all the hydroxy groups of alkanol in presence of sodium of lithium methoxide catalyst.

106717. Atlantic Richfield Company. Process of hydro dealkylating aromatic hydrocarbons. Accepted on 31st January 1968.

Comprises contacting alkylated aromatic hydrocarbons with a hydrogen rich gas in the absence of any solids and quenched with hydrogen to maintain a temperature difference of which should not exceed 200°F; the reaction effluent is then cooled and benzene is separated from hydrogen in a flash chamber, from light hydrocarbons in a first fractionating zone and from alkylated aromatic hydrocarbons in a second fractionating zone.

106907. H. B. Khimji. Improvements in or relating to drain valves or the like. Accepted on 27th January 1968.

Discharge portion of valve body being straight necked and being at an angle to that portion of the valve body which receives the valve mechanism and to the drain outlet of the vessel, the portion of the valve body receiving the valve mechanism being itself at an inclination to the drain outlet of the vessel.

108182. W. Odendahl. Improvements in or relating to throttling device. Accepted on 1st February 1968.

Comprising a valve plug provided with a number of inclined throttling grooves to guide separate

portions of the stream of fluid as a family of inclined jets, the grooves being segmentally cut on the cylindriform portion of the valve plug.

108206. The Pyrene Company Limited. Improvements relating to the treatment of metal surfaces. (16th December 1965). Accepted on 1st February 1968.

Which are etched by a solution containing, sodium hydroxide, sodium nitrate and sodium aluminate and hydrated alumina is precipitated and the solution is replenished by the addition of a replenishment material.

108585. Caterpillar Tractor Co. Resilient shock absorbing device. Accepted on 27th January 1968.

Comprising a cylindrical housing secured to a link part, a second link part movable within the housing and having two spring seats for holding a spring.

106641. General Refractories Company. Precast taphole assembly. Accepted on 1st February 1968.

The assembly being adapted for insertion into a taphole opening of a vessel, and a pipe adapted to extend interiarily through and in spaced relation to the refractory lining, secured tap hole assembly being adapted for the placement of refractory material in the cavity formed by a precast section.

109105. E. C. Hahn. Automatic lathe. (20th December 1966). Accepted on 27th January 1968.

For each control valve is provided a transmission device which cooperates with a switching device which in turn acts on a drive for the control shaft, which transmission device, on actuating the respective control valve, can be controlled out of its position of rest in to a ready position.

109342. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of 2-aryl amino-4, 6-dichloro-s-triazines. Accepted on 29th January 1968.

Comprising of the reaction of cyanuric chloride with aryl amines in the molar ratio 1 : 1 in aqueous medium to form water soluble salts.

109361. Societe Fives Lille-Cail. Cooling device for use in a continuous casting installation. Accepted on 29th January 1968.

Characterized by screens placed below the ingot mould between the nozzles and the ingot and at a certain distance from it, the screens only blanking off part of the periphery of the ingot, the other part being in fact reached by the spray from the nozzles.

110660. Rockwell-Standard Corporation. Parking and emergency brake system for vehicle. Accepted on 31st January 1968.

Vehicle brake actuating means comprising a service fluid pressure system connected for normal operation of said brake and a normally inoperative independent auxiliary fluid pressure system adapted to be connected for auxiliary operation of said brake and control means.

110661. Rockwell-Standard Corporation. Brake actuator improvements. Accepted on 31st January 1968.

A combination service and auxiliary brake actuator assembly comprising means defining a fluid pressure responsive service motor operably connected for actuating vehicle service brakes.

110960. Atlas Copco Aktiebolag. Improvements in screw rotor machines and profiles. Accepted on 27th January 1968.

Comprising a housing with intersecting parallel bores and inlet and outlet passages communicating with said bores through inlet and outlet ports; main and gate rotors mounted for rotation in the housing in said bores and having at least three intermeshing helical threads and grooves.

111096. S. p. A. Cambi Idraulici Badalini. A hydraulic change speed gear. Accepted on 30th January 1968.

Against the surface of the apertured distributor the cylinder body does not directly rest, but a ring rests, interposed between said distribution surface and the cylinder body.

111231. Societe Francaise De Construction De Bennes Automatiques Benoto. Device providing a means of converting a drilling machine of whatever type into a rotary drilling machine. Accepted on 31st January 1968.

Includes employing member, actuating member, automatic centring member and a disengaging member.

111490. Tsentralny Nauchno-issledovatel'sky institut Chernoi Metallurgii Imeni. A device for supplying powdered material into the mould of a continuous casting machine. Accepted on 1st February 1968.

Characterized in that it is provided with a pipe line, supplying a powdered material by means of a gaseous carrier, connected to distributing nozzles, to at least one nozzle.

111854. Joseph Lucas (Industries) Limited. Ignition distributors. (23rd August 1966). Accepted on 30th January 1968.

An ignition distributor for the road vehicles, of the kind including a casing, a rotatable shaft carrying the rotor arm of the distributor, and a plate supported within the casing and carrying the contact breaker assembly of the distributor, rotation of the said shaft serving to operate the contact breaker.

111855. Joseph Lucas (Industries) Limited. Ignition distributors. (23rd August 1966). Accepted on 30th January 1968.

An ignition distributor for road vehicles, characterised in that the distributor has a first plate and a second plate slidable on the first plate, arrangement being such that the distance by which the contacts can be opened by rotation of shaft can be varied by sliding the second plate.

111856. Joseph Lucas (Industries) Limited. Ignition distributors. (23rd August 1966). Accepted on 30th January 1968.

An ignition distributor for use in road vehicles, characterised in that there is a capacitor electrically connected across the contact breaker and the rotation of the shaft serving to operate the contact breaker.

111888. Jervis B. Webb Company. Magnetic proximity switch. Accepted on 29th January 1968.

Comprising a switch element having a pair of magnetically operable contacts mounted in a magnetic field formed by a pair of biasing and a pair of sensing magnets.

114136. Eastman Kodak Company. An electrographic apparatus and method. [Divisional date 29th April 1966]. Accepted on 29th January 1968.

Comprising in source, a control grid of two layers, one covered with photoconductive substance with insulation and another being conductive grid, means for producing electrostatic field between this layers, means for exposing the control grid an electrode supporting recording medium and means for causing flow of ions through the control grid to the recording medium.

Opposition Proceedings

An opposition has been entered by Hevero Industries Private Limited to the grant of a patent on application No. 105514 made by Prabhakar Purshottam Goshi.

Patents Sealed

97590, 98108, 98129, 98141, 98150, 98151, 98736, 99002, 99100, 99121, 99183, 99270, 99317, 99356, 99430, 99443, 99467, 99500, 99501, 99527, 99533, 99537, 99562, 99579.

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 101249. 101296. 101479. 101669. 104377. 106016.

Renewal Fees Paid

49612. 50556. 51124. 51138. 51139. 51194. 51216. 51279.
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Cessation of Patents

65057. 65058. 65062. 65064. 65065. 81516. 84567.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date

of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 131548. The Madras Type Foundry, Indian sole proprietary concern, 38, Jones Street, Madras-1, "Type faces". August 11, 1967.

Class 1. Nos. 131709 and 131710. Ajaz Ahmed Syed, 68, Bank of Baroda Building, Palton Road, Bombay-1, State of Maharashtra, India, an Indian National, "A self locking nut", September 4, 1967.

Class 1. Nos. 131728 and 131729. Raleigh Industries Limited, a British Company, 177 Lenton Boulevard, Nottingham, England, "A bicycle pedal", March 6, 1967. (U.K.).

Class 1. No. 131967. Umapada Banerji, Indian National and Proprietor of Banerji Industrial Enterprises, 5, Dharamtola Street, Calcutta-13, West Bengal, "Autocycles". October 9, 1967.

Class 1. No. 131996. Technical Instruments Manufacturers (India) Private Limited, (A Company registered under Indian Companies Act), National House, 4, Tulloch Road, Apollo Bunder, Bombay-1, (Maharashtra), "Magnifier" October 18, 1967.

Class 1. No. 132023. Electronic Products, Bombay Mutual Annexe, 1st Floor, Gunbow Street, Fort, Bombay, Maharashtra, Indian partnership firm, "Test oscillator (Signal generator)", October 18, 1967.

Class 3. No. 131916. Gandhi & Sons whose proprietor is Joginder Singh Sant Singh Gandhi, Indian Proprietor Concern, 84, Sarang Street, Bombay-3, Maharashtra, "Container" October 3, 1967.

Class 3. No. 131998. Tolbro International an Indian Partnership Firm, 4, Wilson Road, Ballard Estate, Bombay-1, (Maharashtra), "Cream jar", October 18, 1967.

Class 3. No. 132142. Tehmuras Bejonji Buhariwala S/4, Gusrow Baug, Fort, Bombay-1, State of Maharashtra, India, Indian National, "An electric switch", October 27, 1967.

Class 3. No. 132314. The Dunlop Company Limited, a British Company of Fort Dunlop, Erdington, Birmingham-24, England, "A tyre for a vehicle wheel", August 16, 1967. (U.K.).

Class 3. Nos. 132389 and 132390. The Dunlop Company Limited, A British Company, Fort Dunlop, Erdington, Birmingham-24, England, "A tyre for a vehicle wheel", September 8, 1967. (U.K.).

Class 13. Nos. 132159 to 132161. The Bombay Dyeing & Mfg. Co., Ltd., a Public Limited Company, and Indian Company incorporated in India under the Indian Companies Act, 1966, Neville House, Ballard Estate, Fort, Bombay-1, "Cotton textiles". October 31, 1967.

Class 13. Nos. 132362 to 132371. The Khatau Makanji Spg. & Wvg. Co., Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile Piece-goods". December 5, 1967.

Class 13. Nos. 132435 to 132437 and 132439. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Textile piecegoods", December 13, 1967.

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Design Nos. 117819, 118383, 118402, 117811, 117130, 117129, 117123, 117389 and 117391 Class—13.

Design No. 117152. Class—14.

A. JOGARAO,
Controller General of Patents, Designs and Trade Marks.

